

Converting Colors

XYZ(69.5736, 68.0842, 50.5489)

Have a look what the booklet for
XYZ(69.5736, 68.0842, 50.5489)
contains.

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Color

**XYZ(69.5736, 68.0842,
50.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFB0
RGB	250, 207, 176
RGB Percent	98%, 81%, 69%
CMY	0.0196, 0.1882, 0.3098
CMYK	0.00, 0.17, 0.30, 0.02
HSL	25°, 88%, 84%
HSV	25°, 30%, 98%
XYZ	69.5736, 68.0842, 50.5489
YIQ	216.3230, 35.5790, -0.5250

Conversions

Conversions Part 2

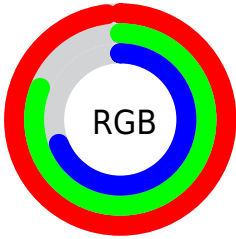
Format	Color
RYB	250, 229, 176
Decimal	16437168
CIELab	86.05, 10.75, 21.08
CIElCh	86, 23.666, 62.983
Yxy	68.0842, 0.3697, 0.3618
Android (android.graphics.Color)	4294627248 (0xFFFFACFB0)
YUV	216.3230, -19.8792, 29.5347
Hunter-Lab	82.5132, 6.1100, 21.4372

Details

The XYZ color **69.5736, 68.0842, 50.5489** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.4906, 66.7932, 100.1468**, and the grayscale version is **65.6063, 69.0229, 75.1660**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **36.7046, 35.4190, 23.6409** is the 20% darker color. If you saturate the color by 10%, you get **63.9659, 60.4693, 37.5792**, and if you desaturate by 10%, it is **75.9642, 76.5352, 66.0284**.

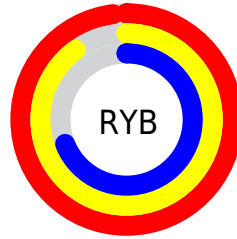
Distribution



Red (98%)

Green (81%)

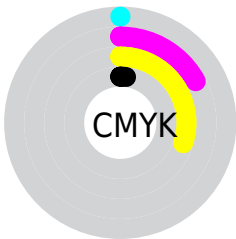
Blue (69%)



Red (98%)

Yellow (90%)

Blue (69%)

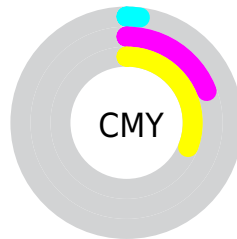


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5736, 68.0842, 50.5489 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.5736, 68.0842, 50.5489 by changing the saturation by 10% instead.


 69.5736, 68.0842,
50.5489

 69.5736, 68.0842,
50.5489


448.3412,
453.7943, 405.6050

 51.4573, 49.9662,
35.4755


 117.6301,
116.4726, 92.3923

 36.7952, 35.3866,
23.7429


148.3010,
147.5118, 119.9993

 25.2219, 23.9608,
14.9326


183.8875,
183.6269, 152.6214

 16.3721, 15.3046,
8.6260

224.7549,
225.2023, 190.6769

 9.8803, 9.0334,
4.4046

271.2686,
272.6223, 234.5845

 5.3814, 4.7630,
1.8498

323.7940,

 2.5097, 2.1089,

326.2714, 284.7627

0.4605

382.6964,
386.5339, 341.6300

■ 0.9002, 0.6696,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5736, 68.0842,
50.5489

■ 69.5736, 68.0842,
50.5489

■ 63.9659, 60.4693,
37.5792

■ 75.9642, 76.5352,
66.0284

■ 59.1020, 53.6536,
26.9804

■ 83.1639, 85.8387,
84.1380

■ 54.9472, 47.6111,
18.6062

■ 91.2040, 96.0227,
104.9955

■ 51.4614, 42.3107,
12.2922

■ 93.2344, 99.0640,
108.8150

■ 48.5997, 37.7184,
7.8510

■ 46.3099, 33.7966,
5.0600

■ 44.5151, 30.4966,
3.5690

■ 44.4503, 30.3758,
3.5203

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8749, 68.0842, 59.0110



69.5736, 68.0842, 50.5489



64.1700, 68.0842, 48.0922

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5736, 68.0842, 50.5489



54.8316, 68.0842, 75.6995



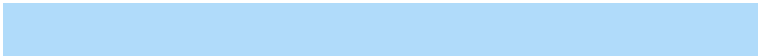
70.5662, 68.0842, 102.1621

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.5736, 68.0842, 50.5489



60.4906, 66.7932, 100.1468

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.2570, 68.0842, 108.1973



69.5736, 68.0842, 50.5489



56.3399, 68.0842, 91.6380

Square

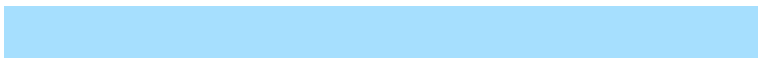
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5736, 68.0842, 50.5489



55.8458, 68.0842, 61.3570



60.0823, 68.0842, 104.1018



74.4701, 68.0842, 88.5678

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5736, 68.0842, 50.5489



60.7188, 68.0842, 49.8625



60.0823, 68.0842, 104.1018



68.8765, 68.0842, 105.2220

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.5754, 68.0873, 50.5503



87.4653, 90.3945, 89.2191



67.7583, 56.4986, 74.4676



18.4732, 19.0309, 18.4631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5754, 68.0873, 50.5503



68.9104, 65.9947, 43.8506



79.5617, 88.0600, 53.8791



17.8422, 18.4203, 18.0775



23.7125, 16.3816, 1.9122



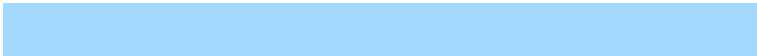
2.2983, 1.7215, 0.2111

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.4906, 66.7932, 100.1468



57.8889, 64.4149, 103.9900



51.9226, 49.6573, 97.2908



17.1208, 18.3185, 22.0188



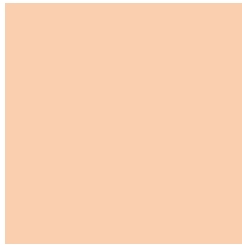
14.6896, 14.7347, 50.0434



1.4653, 1.5742, 4.6698

Previews

White Background



This preview shows how the XYZ color 69.5736, 68.0842, 50.5489 looks on a white background.

Color Contrast Check

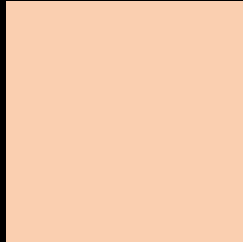
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.5736, 68.0842, 50.5489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

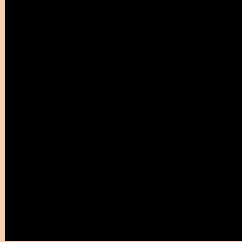
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5736, 68.0842, 50.5489

Background



This preview shows how black text looks on a background with the XYZ color 69.5736, 68.0842, 50.5489.



This preview shows how white text looks on a background with the XYZ color 69.5736, 68.0842,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.5736, 68.0842, 50.5489

Protanopia

64.2172, 68.2271, 52.9645

Deuteranopia

69.5736, 68.0842, 50.5489



Tritanopia

74.6510, 68.0430, 74.8447

Trichromacy



Original Color

69.5736, 68.0842, 50.5489

Protanomaly

65.9411, 68.0038, 52.2984

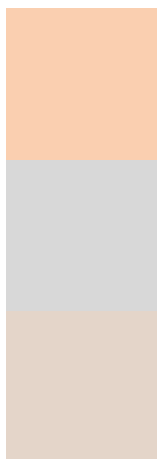
Deuteranomaly

69.5736, 68.0842, 50.5489

Tritanomaly

72.5246, 67.8588, 65.1527

Monochromacy



Original Color

69.5736, 68.0842, 50.5489

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.3318, 68.2995, 64.9454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5736, 68.0842, 50.5489 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 176) }
```

Border

The CSS property to change the border of an element to XYZ 69.5736, 68.0842, 50.5489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 207, 176) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(250, 207, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(250, 207, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5736, 68.0842, 50.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
207, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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